

**PATENT APPLICATION**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re the Application of:

NIKI et al.

Art Unit: 2815

Application No.: Div. of 10/031,931

Examiner: A. Wilson

Filed: November 17, 2003

Attorney Dkt. No.: 107400-00052

For: ZNO COMPOUND SEMICONDUCTOR LIGHT EMITTING DEVICE AND  
METHOD FOR MANUFACTURING THE SAME

**INFORMATION DISCLOSURE STATEMENT**

Director of the U.S. PTO  
P.O. Box 1450  
Alexandria, VA 22313-1450

November 17, 2003

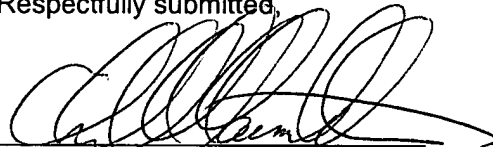
Sir:

Pursuant to 37 CFR §1.56, the attention of the Patent and Trademark Office is hereby directed to the information item(s) listed on the attached PTO-1449. Unless otherwise indicated herein, one copy of each item(s) is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the item(s) be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

- ☒ 1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date, OR (b) before the mailing date of a first Office Action on the merits in the present application, OR (c) accompanies a Request for Continued Examination. No certification or fee is required.
- ☐ 2. This Information Disclosure Statement is being filed more than three months after the U.S. filing date AND after the mailing date of the first Office Action on the merits, but before the mailing date of a Final Rejection or Notice of Allowance.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).

- ☐ c. A check in the amount of \$180.00 in payment of the fee under 37 CFR §1.17(p). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- ☐ 3. This Information Disclosure Statement is being filed more than three months after the U.S. filing date and after the mailing date of a Final Rejection or Notice of Allowance, but before payment of the Issue Fee. Applicant(s) hereby petition(s) that the Information Disclosure Statement be considered. Attached is our check in the amount of \$180.00 in payment of the petition fee under 37 CFR §1.17(i)(1). Please charge any fee deficiency or credit any overpayment to Deposit Account No. 01-2300 as needed to ensure consideration of the disclosed information.
- ☐ a. I hereby certify that each item of information contained in this Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(1).
- ☐ b. I hereby certify that no item of information in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to my knowledge after making reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this Information Disclosure Statement. 37 CFR §1.97(e)(2).
- ☒ 4. The reference(s) was/were cited by or submitted to the Office in parent application No. 10/031,931, filed January 25, 2002, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these references are not attached. 37 CFR § 1.98(d).

Respectfully submitted,



Charles M. Marmelstein  
Registration No. 25,895

Customer No. 004372  
ARENT FOX KINTNER PLOTKIN & KAHN, PLLC  
1050 Connecticut Avenue, N.W.,  
Suite 400  
Washington, D.C. 20036-5339  
Tel: (202) 857-6000  
Fax: (202) 638-4810

CMM/RN:ksm

FORM PTO-1449	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 107400-00052	SERIAL NO. Div. of 10/031,931
LIST OF REFERENCES CITED BY APPLICANT  (Use several sheets if necessary)		APPLICANT NIKI et al.	
		FILING DATE November 17, 2003	GROUP 2815

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA	5,889,295	3/1999	RENNIE et al.	257	96	
	AB	6,057,561	5/2000	KAWASAKI et al.	257	94	
	AC	6,153,010	11/2000	KIYOKU et al.	117	95	
	AD	6,410,162	6/2002	WHITE et al.	428	642	
	AE	6,456,640	9/2002	OKUMURA	372	46	
	AF						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NO.	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION		
							YES	NO	PART.
	AG	7-283436	10/27/1995	JAPAN					
	AH	2000-244015	9/8/2000	JAPAN					
	AI	2000-101138	4/7/2000	JAPAN					
	AJ	2000-82842	3/21/2000	JAPAN					
	AK	10-256673	9/25/1998	JAPAN					
	AL	55-110089	8/25/1980	JAPAN					

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, Etc.)

	AM	Appl. Phys. Lett., Vol. 72, No. 25, p. 3270-3272 (6/22/1998).
	AN	Appl. Phys. Lett., Vol. 74, No. 17, p. 2534-2536 (4/26/1999).
	AO	

EXAMINER	DATE CONSIDERED
<b>*EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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							YES	NO	PART.
	BG	10-270749	10/9/1998	JAPAN					
	BH								
	BI								
	BJ								
	BK								
	BL								

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